



MTH 4-06b

Homework 3

Gold Level

**Outcome 1 - Large Numbers → Sci Not**

Write the following large numbers in scientific notation...

 45 900	 12 340 000
 764 000	 6 238 000
 3840	 5 402 000 000
 1354	 460 009 000

Outcome 2 - Sci Not → Large Numbers

These numbers are in scientific notation.
Write them in number form.

 3.79×10^6	 9.75×10^7
 5.687×10^8	 6.06×10^{10}
 4.07×10^4	 7.009×10^9
 8.005×10^5	 5.0008×10^7

Outcome 3 - Small Numbers → Sci Not

Write the following small numbers in scientific notation...

 0.709	 0.000678
 0.00382	 0.000000825
 0.0000584	 0.00205
 0.04004	 0.000000000108

Outcome 4 - Sci Not → Small Numbers

These numbers are in scientific notation.
Write them in number form.

 5.38×10^{-5}	 7.04×10^{-1}
 8.35×10^{-7}	 2.896×10^{-4}
 6.87×10^{-3}	 9.001×10^{-6}
 4.856×10^{-1}	 1.08×10^{-8}